

ABSTRACT


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An object of the present invention is to provide a method and an apparatus for recording and reproducing digital data, which are able to prevent destruction of file and loss of data when an abend such as a power failure occurs during recording or reproduction of digital data on a disk recording medium.

The present invention is provided with a file structure management unit 25 and a file recovery unit 26. The file structure management unit 25 records digital data in a disk recording medium having a file structure in which recordable clusters are connected. When an abend occurs during data recording, the file recovery unit 26 constitutes, as a recorded file, the digital data which has been recorded from the start of data recording to the abend, on the basis of format information of data, after recovery from the abend.

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The apparatus~~present invention~~ is provided with a file structure management unit-25 and a file recovery unit-26. The file structure management unit-25 records digital data in the disk recording medium, which has~~having~~ a file structure in which recordable clusters are connected. When an abend occurs during data recording, the file recovery unit 26 constitutes, as a recorded file, the digital data which has been recorded from the start of data recording to the abend, on the basis of format information of the data, after recovery from the abend.